

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

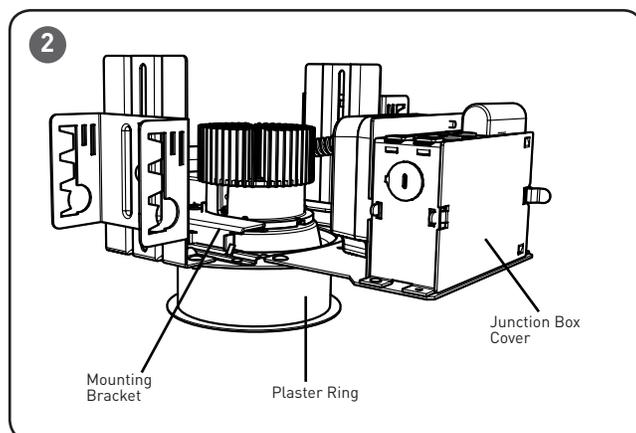
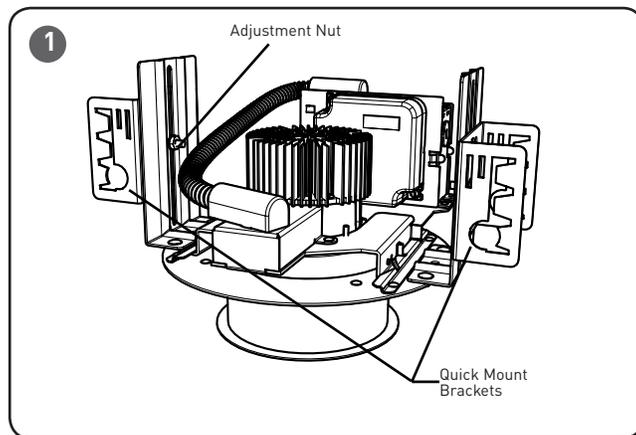
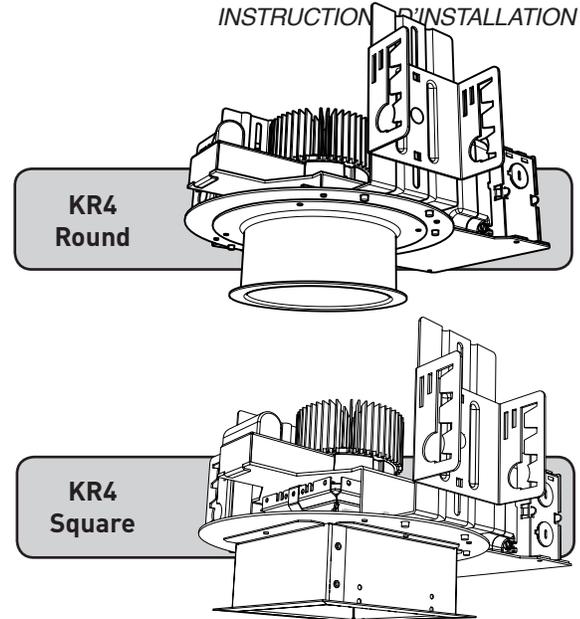
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- DANGER**- Risk of shock- Disconnect power before installation.
DANGER – Risque de choc – Couper l'alimentation avant l'installation.
- This luminaire must be installed in accordance with the NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.
Ce produit doit être installé conformément à NEC ou votre code électrique local. Si vous n'êtes pas familier avec ces codes et ces exigences, veuillez contacter un électricien qualifié.
- This luminaire is thermally protected. Do not install insulation within 3 inches (76 mm) of luminaire sides or junction box nor above luminaire in such a manner as to entrap heat. *Ne pas mettre l'isolant a moins de 76 mm (3 po) de toute partie du luminaire. Convient aux plafonds suspendus.*
- Blinking of this thermally protected luminaire may indicate overheating. Si l'ampoule de ce luminaire a protection thermique clignote, cela peut signifier une surchauffe.
- This luminaire must be supported by main runners or other building structure that is capable of supporting fixture weight.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

TO INSTALL:

INSTALLATION INSTRUCTIONS INSTRUCTION D'INSTALLATION



LUMINAIRE INSTALLATION

STEP 1:

Mark the intended location of the luminaire and cut appropriate opening in the ceiling using the chart below:

KR SERIES	CUTOUT DIMENSIONS
KR4 Round	4.75" (12 cm)
KR4 Square	5" x 5" (12.7 cm x 12.7 cm)

STEP 2:

Thread rigid conduit, bar stock, wire or C-channel (supplied by others) through quick-mount brackets at the sides of the fixture. See Figure 1.

STEP 3:

Attach mounting means to structure capable of supporting the luminaires weight.

STEP 4:

Adjust mounting height by loosening adjustment nut, see Figure 1, and then position bracket so that the bottom of the plaster ring is flush with the bottom of the opening of the finished ceiling.

STEP 5:

Tighten adjustment nut.

STEP 6:

To slide luminaire back for making electrical connection, reach inside the Plaster Ring and pull up on the tab located on the inside of the mounting bracket and slide luminaire back. See Figure 2.

STEP 7:

Remove one of the junction box covers and bring in appropriate power supply to the junction box using one of the knock-outs. See Figure 2.

STEP 8:

Wire luminaire per "Electrical Connections" section and refer to trim installation sheet to install trim.

**ELECTRICAL CONNECTIONS-
850 AND 1250 LUMEN WITH 120V/277V TRIAC DRIVER**

NOTE: Luminaire is intended to be wired to a specific voltage. Make sure that supply voltage matches voltage on electrical label next to the junction box. Connecting fixture to voltage other than that specified on the label may result in fixture damage and/or improper fixture operation.

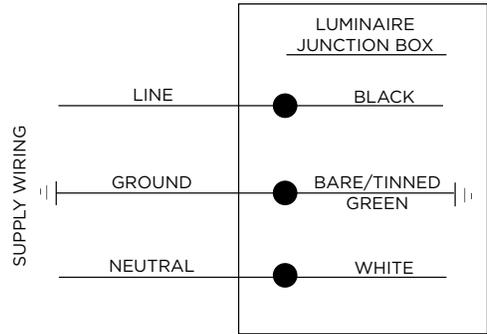
STEP 1:

Supply connections can be brought to the junction box using customer supplied conduit or cord.

STEP 2:

Using customer supplied 90°C minimum rated wire connectors, make the following electrical connections within the junction box.

- a. Connect supply ground wire to fixture ground (bare/tinned or green).
- b. Connect supply line conductor to fixture hot (black).
- c. Connect supply neutral conductor to fixture neutral (white).



**ELECTRICAL CONNECTIONS-
2000 AND 3000 LUMEN WITH 120/277V DRIVER (0-10V)**

OR

850 AND 1250 LUMEN WITH 120V/277V PHILIPS ADVANCE DRIVER (0-10V)

NOTE: Luminaire is intended to be wired to a specific voltage. Make sure that supply voltage matches voltage on electrical label next to the junction box. Connecting fixture to voltage other than that specified on the label may result in fixture damage and/or improper fixture operation.

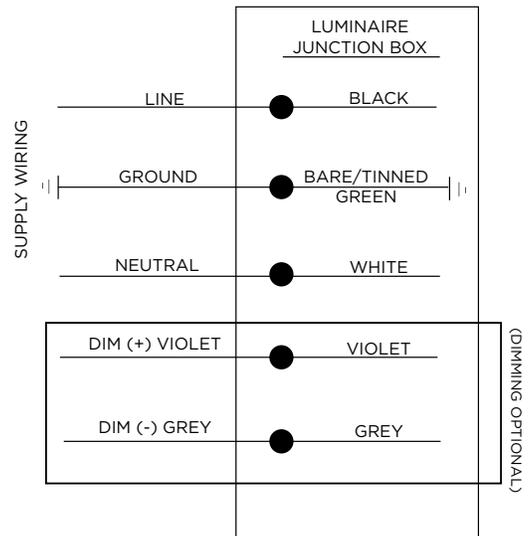
STEP 1:

Supply connections can be brought to the junction box using customer supplied conduit or cord.

STEP 2:

Using customer supplied 90°C minimum rated wire connectors, make the following electrical connections within the junction box.

- a. Connect the black fixture lead to the voltage supply lead.
- b. Connect white fixture lead to the neutral supply lead.
- c. Connect the bare/tinned or green ground lead to the supply ground lead.
- d. If 0/1-10v Dimming is used, connect the violet lead to the supply positive dimming lead.
- e. If 0/1-10v Dimming is used, connect the gray lead to the supply negative dimming lead.



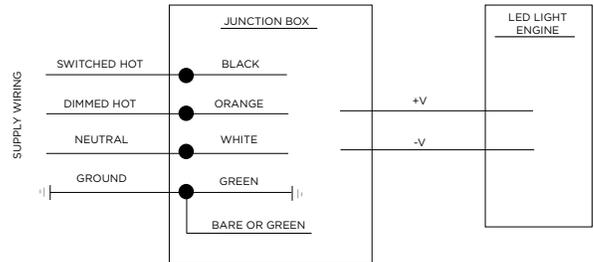
ELECTRICAL CONNECTIONS- LUTRON 3-WIRE DIMMING

NOTE: Luminaire is intended to be wired to a specific voltage. Make sure that supply voltage matches voltage on electrical label next to the junction box. Connecting fixture to voltage other than that specified on the label may result in fixture damage and/or improper fixture operation.

STEP 1:

Using customer supplied 90°C minimum rated wire connectors, make the following electrical connections within the junction box.

- a. Connect supply switched hot conductor to driver black.
- b. Connect supply dimmed hot conductor to driver orange.
- c. Connect supply neutral conductor to driver white.
- d. Connect the green ground lead of driver and the bare or green ground lead attached to junction box to the supply ground lead.



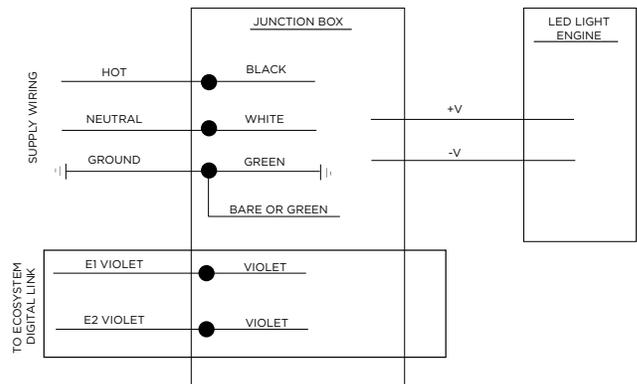
ELECTRICAL CONNECTIONS- LUTRON ECOSYSTEM DIGITAL

NOTE: Luminaire is intended to be wired to a specific voltage. Make sure that supply voltage matches voltage on electrical label next to the junction box. Connecting fixture to voltage other than that specified on the label may result in fixture damage and/or improper fixture operation.

STEP 1:

Using customer supplied 90°C minimum rated wire connectors, make the following electrical connections within the junction box.

- a. Connect the black fixture lead to the voltage supply lead.
- b. Connect white fixture lead to the neutral supply lead.
- c. Connect the green ground lead of driver and the bare or green ground lead attached to junction box to the supply ground lead.
- d. Connect the E1 violet lead to the supply positive dimming lead.
- e. Connect the E2 violet lead to the supply negative dimming lead.

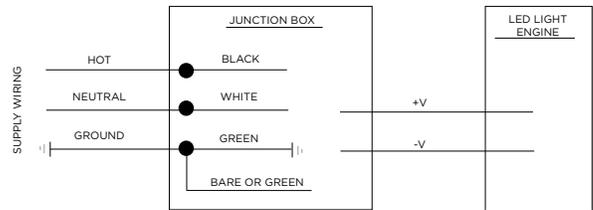


ELECTRICAL CONNECTIONS- LUTRON FORWARD PHASING (LFP)

STEP 1:

Using customer supplied 90°C minimum rated wire connectors, make the following electrical connections within the junction box.

- Connect the black fixture lead to the voltage supply lead.
- Connect white fixture lead to the neutral supply lead.
- Connect the green ground lead of driver and the bare or green ground lead attached to junction box to the supply ground lead.



CREE  **LIGHTING**

© 2019 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. See www.creelighting.com/warranty for warranty and specifications. Cree® and the Cree logo are registered trademarks of Cree, Inc. KR4™ is a trademark of Cree Lighting, A company of IDEAL INDUSTRIES.

A COMPANY OF **IDEAL INDUSTRIES, INC.**

www.creelighting.com

